



# Learning Technologies Project Bulletin

Brought to you by NASA, TRW, & West Virginia University

## Nothin'— but Net

### Total Control of Scroll Bars in a Frames Page

Rudy Hoffert

[rhoffert@rspac.ivv.nasa.gov](mailto:rhoffert@rspac.ivv.nasa.gov)

There are a couple of different tricks that can be used to control scroll bars in a Web page. The most common and easiest way to control the scroll bars is to simply type "SCROLLING=no" in the frame tag. For example: `<FRAME NAME="page1" SRC="page1.html" SCROLLING=no>`. This will keep the frame from scrolling, but there are some problems with this method.

What happens if the person viewing the page has the browser window squashed

down into a little box or the screen resolution set to 640 by 480 and the frames page was designed for a larger window? The person viewing the page will not be able to see everything on it. Part of the graphics or text could be cut off for the viewer.

The way to fix this problem is to design the entire page at 640 by 480, right? Not necessarily. If the Web page is designed at 640 by 480 and the resolution of the screen it is being viewed on is set higher, the page will have a lot of empty space on it. So how to take care of this problem?

All that has to be done is to place the frames page inside a predefined Web browser window. Doing this allows you to control the spacing, scrolling, and resolution. Here's how it's done:

Add the `onLoad="window.open('framespage.html','width=640','height=480',`

`'scrollbars=no')"` command to the `<BODY>` tag and a predefined pop-up window will open with the frames page loaded into it. This allows you to design your frames page to fit into a 640 by 480 window. No matter what the viewer's screen resolution is, the window will always come up as 640 by 480.

This gives you total command of the frames page. It allows you to control the resolution, scrolling, and even the navigation. The catch to creating a frames page in this manner is that you have to include all of the navigation buttons within the page. Using tables with frames can make it even easier to control the scrolling within the frames.

Take a stab at it and have some fun! Try different resolutions and different frames layouts.

## H Highlights— & Happenings

### Popular Science Names NASA's Observatory Among Web's Best

Scott Gillespie

[sgillesp@rspac.ivv.nasa.gov](mailto:sgillesp@rspac.ivv.nasa.gov)

For the second straight year, NASA's Observatory, the U.S. space agency's Web site for Earth and space science, has been named by *Popular Science* magazine

as one of its "50 Best of the Web" for science and technology sites.

NASA's Observatory and its "Observation of the Week" were cited in the September 1999 issue for online content that combines remarkable space imagery, graphic illustration, and enlightening articles with the latest technological wizardry.

"Fascinating pictures are a hallmark of NASA's Observatory, and this weekly feature gives you a words-and-pictures taste of heavens and Earth you'll want to keep revisiting," said *Popular Science* of the Observation of the Week. "Check out the Observation's archive to see what you've been missing—like storms on Jupiter, lava flows on Mars, or a solar eclipse on Earth."

NASA's Observatory combines years of space agency exploration and discovery with the latest Web technology, providing visitors with a site that features NASA favorites in many different forms.

NASA's Observatory is produced by the Remote Sensing Public Access Center (RSPAC), a cooperative agreement among NASA, TRW, and West Virginia University.

This bulletin is available in Adobe Acrobat format on the Developers' Workshop Web site at: <http://developers.ivv.nasa.gov/collab/pubs/bulletin/>

# News Bytes

## Ask the Scientist Offers Fall Videoconferences

Patricia Reiff  
[reiff@alfven.rice.edu](mailto:reiff@alfven.rice.edu)

Ask the Scientist CU-SeeMe videoconferences resumed August 31—and a full slate of activities for fall is upcoming! For more details, see the Web page at <http://space.rice.edu/hmns/dlt/videosched.html>.

Broadcasts are now in color only, using the Whitepine M-JPEG codec. Download the latest Cu-SeeMe from [www.whitepine.com](http://www.whitepine.com). (If the feed doesn't show up, type in the chat window and go to gray, but it won't be as good!) For the detailed schedule of lectures, see the Web page at [http://space.rice.edu/spac\\_403](http://space.rice.edu/spac_403).

Please send an e-mail if you plan to participate. If more than 20 teachers want to participate online, a second reflector can be added. This class is co-sponsored by the Broker-Facilitator program at the Lunar and

Planetary Institute at <http://cass.jsc.nasa.gov>.

ONLY use the "chat" (or "talk") window to ask questions. The speaker's comments will be summarized there for folks with low-bandwidth connections.

An attempt will be made to keep NASA TV going on the server, with a scientist online if a space science press conference is scheduled. Send e-mail to [connect@space.rice.edu](mailto:connect@space.rice.edu) if the feed is missing and we'll get it back up.

Ask the Scientist is part of the Public Connection and is funded by NASA. For more information about the program and its many hot links, see <http://earth.rice.edu/>.

## Call for Promotional Materials

Phyllis Griggs  
[pgriggs@rspac.ivv.nasa.gov](mailto:pgriggs@rspac.ivv.nasa.gov)

The Remote Sensing Public Access Center (RSPAC) will be attending the West Virginia Science Teachers Association Conference October 14-16 in Charleston, West Virginia. Attendance at this conference will be to promote the Learning Technologies

Project. Any LTP group that would like its current materials distributed should send them to Phyllis Griggs at TRW, 100 University Drive, Fairmont, WV 26554.

## LTP Support Available through Mid-November

Scott Gillespie  
[sgillespie@rspac.ivv.nasa.gov](mailto:sgillespie@rspac.ivv.nasa.gov)

NASA's Learning Technologies Project groups needing technical, Web, graphics, or marketing support are asked to submit requests for services as soon as possible.

The Remote Sensing Public Access Center (RSPAC), which provides general and specific support to all LTP groups, has been granted a no-cost extension and will function through mid-November 1999. Those LTP groups needing assistance are encouraged to contact RSPAC as soon as possible.

To request RSPAC support, please contact Phyllis Griggs ([pgriggs@rspac.ivv.nasa.gov](mailto:pgriggs@rspac.ivv.nasa.gov)). To learn more about RSPAC's support services, visit <http://developers.ivv.nasa.gov/rspac/index.html>.

# News from NASA

## "Special Seminars" Videotapes Available to NASA Employees, Public

Patty Reed  
[patricia.f.reed@ivv.nasa.gov](mailto:patricia.f.reed@ivv.nasa.gov)

NASA employees and the public are welcome to check out a series of informative lectures titled *Special Seminars on New Science and Technology in the Aerospace Age*. Videotaped at the Terman Auditorium

at Stanford University, the lectures are now available to NASA employees and the public. For more information, contact Patty Reed at [patricia.f.reed@ivv.nasa.gov](mailto:patricia.f.reed@ivv.nasa.gov).

Among the featured speakers and their respective topics are:

\* DR. DAVID MORRISON, Director, Astrobiology and Space Research, NASA Ames Research Center, *Chicken Little Was Right: Protecting the Earth from Impacts*

\* DR. JEFFREY CUZZI, Research Scientist, Planetary Systems Branch, NASA Ames Research Center, *Spacecraft Exploration of the Outer Solar System*

\* DR. DAVID BLAKE, Research Scientist, Exobiology Branch, NASA Ames Research Center, *Life on Mars and Life in the Mars Meteoroid*

\* DR. GEOFFREY BRIGGS, Scientific Director, Center for Mars Exploration, NASA Ames Research Center, *The NASA Mars Sample Return Mission: Landing Site Selection*

\* DR. EMILY HOLTON, Chief, Gravitational Research Branch, NASA Ames Research Center, *Gravity: A Weighty Topic*

\* MR. JOHN GIVENS, Manager, Space Station Biological Research Project, NASA Ames Research Center, *The International Space Station and Its US Gravitational Biology Research Laboratory*

\* DR. DEAN WILKENING, Director of the Science Program, Center for International Security and Cooperation, Stanford University, *Airborne Boost-Phase Theater Missile Defense*

# In the Spotlight

## Mars Millennium Project Webcast on Learning Technologies Channel

Kate Weisberg  
[kweisberg@mail.arc.nasa.gov](mailto:kweisberg@mail.arc.nasa.gov)

NASA's Learning Technologies Channel will hold a live Webcast on Tuesday, September 28, from 10:00 a.m.-11:00 a.m. PDT (1:00 p.m.-2:00 p.m. EDT). The Webcast will be held online at <http://quest.arc.nasa.gov/ltc>.

The Mars Millennium Project, an official White House Millennium Council Youth Initiative, challenges students across the nation to design a community yet to be imagined—for the planet Mars.

David Seidel and Dr. Robert Anderson of NASA's Jet Propulsion Laboratory and Dr. Chris McKay of NASA Ames Research Center will provide an active, insightful look into the trials and tribulations of life in a potential community on Mars. The broadcast will include active student participation from three Bay Area classrooms and address questions pertinent to *Surviving and Thriving on Mars*.

Among the topics to be addressed are: What is Mars like in 1999? Why are we so

interested in Mars? What are the current missions planned for Mars? When and how will humans explore Mars? What might they do there?

For more information about the upcoming Webcast, visit <http://quest.arc.nasa.gov/ltc>.

If you would like to be on the LTP Bulletin mailing list, please send e-mail to Scott Gillespie at: [sgillespie@rspac.ivv.nasa.gov](mailto:sgillespie@rspac.ivv.nasa.gov), or write to: BDM/RSPAC, 100 University Drive, Fairmont, WV 26554. Phone: (304) 367-8324, fax: (304) 367-8211.



NASA's Learning Technologies Project (LTP) Bulletin is a monthly publication produced by the Remote Sensing Public Access Center (RSPAC). RSPAC is a cooperative project of NASA's Office of Aeronautics' High Performance Computing and Communications (HPCC) program, TRW, and West Virginia University. RSPAC is located at the NASA Software Independent Verification and Validation (IV&V) facility in Fairmont, West Virginia.

RSPAC/TRW  
WVU/NASA IV&V Facility  
100 University Drive  
Fairmont, WV 26554

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